

117TH CONGRESS  
2D SESSION

# H. R. 7777

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## AN ACT

To amend the Homeland Security Act of 2002 to authorize the Cybersecurity and Infrastructure Security Agency to establish an industrial control systems cybersecurity training initiative, and for other purposes.

1       *Be it enacted by the Senate and House of Representa-*  
2       *tives of the United States of America in Congress assembled,*

1 **SECTION 1. SHORT TITLE.**

2       This Act may be cited as the “Industrial Control Sys-  
3       tems Cybersecurity Training Act”.

4 **SEC. 2. ESTABLISHMENT OF THE INDUSTRIAL CONTROL**  
5 **SYSTEMS TRAINING INITIATIVE.**

6       (a) IN GENERAL.—Subtitle A of title XXII of the  
7       Homeland Security Act of 2002 (6 U.S.C. 651 et seq.)  
8       is amended by adding at the end the following new section:

9 **“SEC. 2220D. INDUSTRIAL CONTROL SYSTEMS CYBERSECU-**  
10 **RITY TRAINING INITIATIVE.**

11       “(a) ESTABLISHMENT.—

12               “(1) IN GENERAL.—The Industrial Control Sys-  
13       tems Cybersecurity Training Initiative (in this sec-  
14       tion referred to as the ‘Initiative’) is established  
15       within the Agency.

16               “(2) PURPOSE.—The purpose of the Initiative  
17       is to develop and strengthen the skills of the cyber-  
18       security workforce related to securing industrial con-  
19       trol systems.

20       “(b) REQUIREMENTS.—In carrying out the Initiative,  
21       the Director shall—

22               “(1) ensure the Initiative includes—

23                       “(A) virtual and in-person trainings and  
24       courses provided at no cost to participants;

1 “(B) trainings and courses available at dif-  
2 ferent skill levels, including introductory level  
3 courses;

4 “(C) trainings and courses that cover  
5 cyber defense strategies for industrial control  
6 systems, including an understanding of the  
7 unique cyber threats facing industrial control  
8 systems and the mitigation of security  
9 vulnerabilities in industrial control systems  
10 technology; and

11 “(D) appropriate consideration regarding  
12 the availability of trainings and courses in dif-  
13 ferent regions of the United States; and

14 “(2) engage in—

15 “(A) collaboration with the National Lab-  
16 oratories of the Department of Energy in ac-  
17 cordance with section 309;

18 “(B) consultation with Sector Risk Man-  
19 agement Agencies; and

20 “(C) as appropriate, consultation with pri-  
21 vate sector entities with relevant expertise, such  
22 as vendors of industrial control systems tech-  
23 nologies.

24 “(c) REPORTS.—

1           “(1) IN GENERAL.—Not later than one year  
2           after the date of the enactment of this section and  
3           annually thereafter, the Director shall submit to the  
4           Committee on Homeland Security of the House of  
5           Representatives and the Committee on Homeland  
6           Security and Governmental Affairs of the Senate a  
7           report on the Initiative.

8           “(2) CONTENTS.—Each report under para-  
9           graph (1) shall include the following:

10               “(A) A description of the courses provided  
11               under the Initiative.

12               “(B) A description of outreach efforts to  
13               raise awareness of the availability of such  
14               courses.

15               “(C) Information on the number and de-  
16               mographics of participants in such courses, in-  
17               cluding by gender, race, and place of residence.

18               “(D) Information on the participation in  
19               such courses of workers from each critical in-  
20               frastructure sector.

21               “(E) Plans for expanding access to indus-  
22               trial control systems education and training, in-  
23               cluding expanding access to women and under-  
24               represented populations, and expanding access  
25               to different regions of the United States.

1                   “(F) Recommendations on how to  
2                   strengthen the state of industrial control sys-  
3                   tems cybersecurity education and training.”.

4           (b) CLERICAL AMENDMENT.—The table of contents  
5 in section 1(b) of the Homeland Security Act of 2002 is  
6 amended by inserting after the item relating to section  
7 2220C the following new item:

“Sec. 2220D. Industrial Control Systems Cybersecurity Training Initiative.”.

Passed the House of Representatives June 21, 2022.

Attest:

*Clerk.*

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